

Title (en)  
MOBILE COMMUNICATION METHOD

Title (de)  
MOBILKOMMUNIKATIONSVERFAHREN

Title (fr)  
PROCÉDÉ DE COMMUNICATION MOBILE

Publication  
**EP 3068153 A1 20160914 (EN)**

Application  
**EP 14860189 A 20141107**

Priority  
• JP 2013232205 A 20131108  
• JP 2014079568 W 20141107

Abstract (en)  
To protect a key (K\_eNB-int) and a key (K\_eNB-enc) that are used in a radio base station (MeNB), even when a malicious third party has stolen a key (K\_SeNB) from a radio base station (SeNB). A mobile communication method according to the present invention includes, upon starting "Inter-eNB CA" configured such that downlink data is distributed to the radio base station (MeNB) and the radio base station (SeNB) by a serving gateway device (S-GW), generating, by the radio base station (MeNB), the key (K\_SeNB) based on a key (KeNB) and transmitting the key (K\_SeNB) to the radio base station (SeNB), and generating, by the radio base station (SeNB), a key (K\_SeNB-enc) and a key (K\_SeNB-int) used for communication with a mobile station (UE) in the "Inter-eNB CA", based on the key (K\_SeNB).

IPC 8 full level  
**H04W 12/04** (2009.01); **H04W 4/70** (2018.01); **H04W 36/08** (2009.01); **H04W 36/22** (2009.01); **H04W 72/04** (2009.01); **H04W 76/02** (2009.01); **H04W 92/20** (2009.01)

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Designated extension state (EPC)  
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